Math 9 Semester 1 Project Due Date \_\_\_\_\_\_

**Worth 5%**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You are being required to relate anything in life to mathematics. Please pick a topic/hobby/activity or interest and complete the following 4 questions.

1. Complete 3 mathematical computations relating to your topic and provide the solutions.
2. Create a real life mathematical word problem that applies to your topic and provide the solution.
3. Provide diagram, model, picture or chart relating to the mathematical computations in part 1 of your topic.
4. Create, design or produce a model of the application in part 2 of your finding to the topic.

Examples of project ideas:

*Plan/Outline for Math 9 Project*

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| --- | --- |
| **Part 1: Topic & Computations**  The topic I chose to explore is…  I chose this topic because…  Types of mathematical computations involved with my topic are… | **Part 2: Word Problem**  A brief description of a word problem involved with my topic is… |
| **Part 3: Diagram/Chart/Graph**  What I plan to show is…  I plan to show this with a…   * Diagram * Chart * Graph * Other: \_\_\_\_\_\_\_\_\_\_\_\_ | **Part 4: Creative Model of Application**  What I plan to show is…  I plan to show this with… |

Other comments:

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| **Part 1 : Computations**    **4** Computations show thorough thoughtfulness.  All three computations are complete, correct and well done.  **3** Computations show some thoughtfulness.  All three computations are complete and at least 2 are correct and well done.  **2** Computations show little thoughtfulness.  Not all computations are complete; only 1 computation is correct.  **1** Computations show no thoughtfulness and are not  correct.  **0** Not enough work completed for assessment. | **Part 2: Word Problem/Application**    **4** Description of word problem shows thoughtfulness.  Solution is complete, correct, and well done.  **3** Description of word problem shows some  thoughtfulness.  Solution is complete, although contains minor errors.  **2** Description of word problem shows little thoughtfulness.  Solution is not complete or contains major errors.  **1** Description of word problem shows no thoughtfulness.  Solution is not provided.  **0** Not enough work completed for assessment. |
| **Part 3: Diagram/Chart/Graph**    **4** Product shows thorough thoughtfulness.  All details have been considered.  It is complete and well done.  **3** Product shows some thoughtfulness.  Most details have been considered.  It is complete.  **2** Product shows little thoughtfulness.  Few details have been considered.  It is mostly complete.  **1** Product shows no thoughtfulness.  No details and incomplete.  **0** Not enough work completed for assessment. | **Part 4: Model of Application**    **4** Model shows thorough thoughtfulness.  All details have been considered.  It is complete and well done.  **3** Model shows some thoughtfulness.  Most details have been considered.  It is complete.  **2** Model shows little thoughtfulness.  Few details have been considered.  It is mostly complete.  **1** Model shows no thoughtfulness.  No details and incomplete.  **0** Not enough work completed for assessment. |
| **Creativity & Overall Presentation**    **4** Project is well organized and nicely displayed in an  appropriate manner/format.  All presentation details have been considered.  It is very easy to read and understand.  **3** Project is organized and nicely displayed in an  appropriate manner/format.  Most presentation details have been considered.  It is easy to read and understand.  **2** Project is not very well organized or displayed in an  appropriate manner/format.  Few presentation details have been considered.  It is not very easy to read or understand.  **1** Project is not very well organized or displayed in an  appropriate manner/format.  No presentation details have been considered.  It is difficult to read or understand.  **0** Not enough work completed for assessment. | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Math Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Overall Mark: /20 |